

## UHF ANTENNA COMBINER

### Spec Sheet

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The Mimomax UHF Antenna Combiner is a compact, wideband and rugged T-style antenna combiner. It enables high-gain and cost-effective antenna solutions to be built without the use of expensive and bulky frequency selective phasing harness.

These combiners are designed specifically with Mimomax antennas in mind, however can also be used to combine antennas from any other manufacturers. The Mimomax UHF Antenna Combiner covers the 350-520MHz frequency range and combines two 50 ohms antenna feeds. With a continuous power rating of 100 W (average), a return loss of greater than 20 dB (420-500MHz) and forward loss of less than 0.05dB, the antenna combiner has a good impedance match over the whole band ensuring optimum transmitter and receiver performance. With amplitude balance better than 0.1 dB and phase balance less than 1°, the Mimomax antenna combiner provides a high-performance antenna combining solution.

The Mimomax antenna combiner allows multiple antennas to work with medium diameter cables with Type N connectors. The antenna combiner is suitable for outdoor conditions and waterproof rated IP65.



# UHF ANTENNA COMBINER SPECIFICATIONS

Material Specifications	
Frequency Range	350-520MHz
2 x Antenna Ports	Type N Female 50 ohm connectors
1 x Common Port	Type N Female 50 ohm connector
Power Rating	100 W (average)
Impedance Match	> 20 dB Return Loss (400-500MHz) > 15 dB Return Loss (390-520MHz)
Forward Loss	< 0.05 dB
Amplitude Balance	< 0.1 dB
Phase Balance	< 1°
Temperature	-30°C to +70°C (-22°F to +158°F)
Water Tolerance	IP65*
Dimensions: W x H x T	157 x 60 x 25 mm (6.2 x 2.4 x 1.0 in)
Weight	300g (0.7 lbs)
<i>*Mimomax recommends that all interface cables and connectors are sealed with appropriate waterproof sealant.</i>	

Product Orders	
Product Code	Description
ACC-ACO-350-520-00	MiMOMax UHF Antenna Combiner

**Important:** Specifications are subject to change without prior notice

